SEQUENCE LISTING

(1) GENERAL INFORMATION:

   (i) APPLICANT:

      (A) NAME: Roche Diagnostics GmbH

      (B) STREET: Sandhoferstr. 116

      (C) CITY: Mannheim

      (E) COUNTRY: DE

      (F) POSTAL CODE (ZIP): 68305

      (G) TELEPHONE: 06217595482

      (H) TELEFAX: 06217594457

   (ii) TITLE OF INVENTION: Method for uncoupled, direc, exponential amplification and sequencing of DNA molecules with the addition of a second thermostable DNA polymerase and its application

   (iii) NUMBER OF SEQUENCES: 5

   (iv) COMPUTER READABLE FORM:

      (A) MEDIUM TYPE: Floppy disk

      (B) COMPUTER: IBM PC compatible

      (C) OPERATING SYSTEM: PC-DOS/MS-DOS

      (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

   (i) SEQUENCE CHARACTERISTICS:

      (A) LENGTH: 25 base pairs

      (B) TYPE: nucleic acid

      (C) STRANDEDNESS: single

      (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid

        (A) DESCRIPTION: /desc = "oligonucleotide"

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GGCTGGTCCT GCCGCTGCTT GTCAT   25

(2) INFORMATION FOR SEQ ID NO: 2:

    (i) SEQUENCE CHARACTERISTICS:

        (A) LENGTH: 27 base pairs

        (B) TYPE: nucleic acid

        (C) STRANDEDNESS: single

        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid

        (A) DESCRIPTION: /desc = "oligonucleotide"

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

CTGCTCCCCA GTGGATCGGG TGTAAAC   27

(2) INFORMATION FOR SEQ ID NO: 3:

    (i) SEQUENCE CHARACTERISTICS:

        (A) LENGTH: 27 base pairs

        (B) TYPE: nucleic acid

        (C) STRANDEDNESS: single

        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid

        (A) DESCRIPTION: /desc = "oligonucleotide"

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

CACCTTTGGG GTGGTGACAA GTGTGAT   27

(2) INFORMATION FOR SEQ ID NO: 4:

    (i) SEQUENCE CHARACTERISTICS:

        (A) LENGTH: 24 base pairs

        (B) TYPE: nucleic acid

        (C) STRANDEDNESS: single

        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid

        (A) DESCRIPTION: /desc = "oligonucleotide"

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

CGACGTTGTA AAACGACGGC CAGT   24

(2) INFORMATION FOR SEQ ID NO: 5:

    (i) SEQUENCE CHARACTERISTICS:

        (A) LENGTH: 17 base pairs

        (B) TYPE: nucleic acid

        (C) STRANDEDNESS: single

        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: other nucleic acid

        (A) DESCRIPTION: /desc = "oligonucleotide".

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

CAGGAAACAG CTATGAC   17